

MD 193 WB
(GREENBELT RD)

MD 193 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

APS NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS GREENBELT AT WALKER

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS GREENBELT AT WALKER, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS WALKER AT GREENBELT

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS WALKER AT GREENBELT, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
B. INSTALL CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21).
C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02)
(NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).
D. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
E. BEGIN 12:1 RAMP.
F. 48:1 LEVEL LANDING AREA.
G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
H. TIE NEW CURB TO EXISTING CURB AT JOINT.
J. CUT BACK MEDIAN AND INSTALL NOSED DOWN CURB AND GUTTER.
K. REPAVE WHERE EXISTING MEDIAN WAS REMOVED.

REDLINE 1
ADDITION OF SIGNAL TO PROJECT PG8925177



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (GREENBELT RD) AND
WALKER DRIVE
GREENBELT, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 09/2012 CONTRACT NO. PG8925177
DESIGNED BY CW COUNTY PRINCE GEORGE'S
DRAWN BY CW LOGMILE 18019306.11
CHECKED BY RM TMS NO. L274
F.A.P. NO. TOD NO.
TS NO. 2433C DRAWING SG-2 OF 2 SHEET NO. 17 OF 24

LEGEND SYMBOL

- 18" PED POLE FOUNDATION
W/SIGN AND PUSHBUTTON
PED SIGN AND PUSHBUTTON
SIGNAL CABINET W/PAD
HANDHOLE
CONDUIT RUN

GEOMETRIC LEGEND

- EXISTING SIDEWALK/CURB
JOINT (APPROXIMATE)
NEW SIDEWALK AND
ADA HANDICAP RAMP
NEW FULL DEPTH ASPHALT



BRUDIS & ASSOCIATES, INC.
Consulting Engineers
9240 Runway Road, Suite C
Columbia, Maryland 21045
Phone 410-864-3607
www.brudis.com

PLOTTED: Tuesday, November 13, 2012 AT 11:52 AM
FILE: P:\09-002 TEDD\Task 84 MD 193 Rhode Island Ave to Southway\Drawings\CADD\Working\MD193\Walker\p8G-P002_MD193\Walker10.dgn

GREENBELT PARK

WALKER DRIVE

MD 193 EB
(GREENBELT RD)

GEOMETRIC LEGEND

EXISTING PROPOSED

UTILITY LEGEND

- SD STORM DRAIN E ELECTRIC CABLES
G GAS MAIN A AERIAL CABLES
W WATER MAIN T TELEPHONE CABLES
S SEWER MAIN F FIBER-OPTIC CABLES